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Encephalitozoon cuniculi
Eukaryota; Microsporidia; Unikaryonidae; Encephalitozoon.
1 (bases 1 to 220294)
1 (bases 1 to 220294)
Peyret,P., Katinka,M.D., Duprat,S., Duffieux,F., Barbe,V.,
Barbazanges,M., Weissenbach,J., Saurin,W. and Vivares,C.P.
Direct Submission
Submitted (05-APR-2001) to the EMBL/GenBank/DDBJ databases
2 (bases 1 to 220294)
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Submitted (05-APR-2001) Genoscope - Centre National de Sequencage, 2 rue Gaston Cremieux, CP 5706, 91057 EVRX Cedex, FRANCE. (E-mail: segrefégenoscope.cns.fr - Web : www.genoscope.cns.fr) Equipe de Parasitologie Moleculaire et Cellulaire, UPRES A CNRS 6023, Universite Blaise Pascal, 63177 Aubiere cedex, France (E-mail: Plexre.PEXRET@Lbp.univ-psclermont.fr; Tel: (33) 4.73.40.74.34; Fax: (33) 4.73.40.76.70).
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CGCATACA	TGCCGCCATCCATGAACATTAGTGGAAA	35527	Db Db
ctaccgcatacagcccaa 13	tgccgccatccatgaacattagtggaaatgggtatccttcttctac	26	Qγ
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ctcttcccccaggagtca 10 CTCTTCCCCCAGGAGTCA 35	ccacgcctagcactcctgggcagcaacaggtcctttctggcactcttcc 	1021 35767	Qу
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Xiao, L., Li, L., Visvesvara, G.S., Moura, H., Didier, E.S. and Genotyping Encephalitozoon cuniculi by Multilocus Analyses with Repetitive Sequences
J. Clin. Microbiol. 39 (6), 2248-2253 (2001)
                                                                                                                                                                                             2 (bases 1 to 1019)
Xiao,L., Li,L., Visvesvara,G.S., Moura,H. and Lal,A.A.
Direct Submission
Submitted (04-OCT-2000) Division of Parasitic Diseases, Nati
Center for Infectious Diseases, Centers for Disease Control
Prevention, 4770 Buford Highway, Atlanta, GA 30341, USA
Location/Qualifiers
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X1ao,L., Li,L., Visv
Direct Submission
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With Repetitive Sequences
J. Clin. Microbiol. 39 (6), 2248-2253 (2001)
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JURCE Encephalitozoon cuniculi.

ORGANISM Encephalitozoon cuniculi
Eukaryota; Microsporidia; Unikaryonidae; Encephalitozoon.

FERENCE 1 (bases 1 to 936)
AUTHORS Xiao,L., Li,L., Visvesvara,G.S., Moura,H., Didier,E.S. and
TITLE Xiao; Encephalitozoon cuniculi by Multilocus Analyses
with Repetitive Sequences
JOURNAL J. Clin. Microbiol. 39 (6), 2248-2253 (2001)

Lal, A.A. of Genes GI:14484927

936 bp III polar

DNA tube

protein gene, partial

INV 17-JUN-2001

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Xiao, L., Li, L., Visvesvara, G.S., Moura, H. and Lal, A.A.
Direct Submission
Submitted (04-OCT-2000) Division of Parasitic Diseases, National
Center for Infectious Diseases, Centers for Disease Control and
Prevention, 4770 Buford Highway, Atlanta, GA 30341, USA
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/isolate="CDC:V282"
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Db 541	GAGCCACTTTGTGTCAGGGACAGGCCAT
Qy 979	ctggcactcttcccccaggggtcactttgtgtccagggacaggccacgcctagcactcctg 1038
Db 569	
Qу 1039	ggcagcaacaggtcctttctggcactcttccccccaggagtcactttgtgtcagggacagg 1098
Db 583	GCAGCAACAGGTCCTTTCTGGCACTCTTCCCCCAGGGGTCACTTTGTGTCAGGGACAGG 642
Qy 1099	ccacgcctagcactcctgggcagcaacaggtcctttctggcacccttctccccaggagcca 1158
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Оу 1219	tgyacagtyttytycccctcagattccaaaccctytcatyccyccatccatyaaca 12
Db 763	CTAGTGGACAGTGTTGTGCCCCTCAGATTCCAAACCCTGTCATGCCGGCATCCATGAACA 822
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Db 823	TTAGTGGAAATGGGTATCCTTCTTCTACCGCATACAGCCCAAACCTCGGATCACTGGGAT 882
Qy 1339	ctgtgttgacatacagaagacgggggggacatcctgcgagcaaaaaccc
Db 883	O-
DEFINITION ACCESSION VERSION KEYWORDS SOURCE	Sequence 3 from Patent WO0001724. AX007051 AX007051.1 GI:9994977 From the street is all a
ORGANISA	 Encephalitozoon intestinalis Eukaryota; Microsporidia; Unikaryonidae; Encephalitozoon. 1 (bases 1 to 1116)
AUTHORS TITLE	Vivares, C., Danchin, A. and Delbac, F. Microsporidium polar tube proteins, nucleic acids coding for said proteins and their uses
JOURNAL	PACCETTE AND COUNTY ASSESSED FACENTY WO 0001724-A 3 13-JAN-2000; PATENT WO 0001724-A 3 13-JAN-2000; VIVARES CHRISTIAN (FR); DANCHIN ANTOINE (FR); DELBAC FREDERIC (FR); CENTRE NAT RECH SCIENT (FR)
FEATURES Sourc	Location/Qualifiers e 1. 1116
BASE COUNT ORIGIN	/organism="Encephalitozoon intestinalis" /db_xref="taxon:58839" 300 a 332 c 230 g 254 t
Query Matcl Best Local Matches 63	tch 3.5%; Score 176; DB 6; Length 1116; al Similarity 53.5%; Pred. No. 6.2e-43; 635; Conservative 0; Mismatches 460; Indels 93; Gaps 9;
Qу 345	atgaaaggtatttctaagatcctctctgcctctattgccctgatgaagttggagaatgtc 404
Db 1	AGGTATTTCTAAGGTTCTCTCAGCCTCTATTGTCCTAATGAAGTTGAAGGGTGT
Qy 405 Db 61	tattcagcaaccgcactgtgcagcaatgcatatggcctaactccgggacaaccagggtatg 464
Qy 465	gctcagcagccgtcgtatgtgctgatccccagcaccccgggaaccatagcaaactgtgca 524
Db 110	AACCCAACCGTCATATGTGCTGGTTCCTAGTGCACCAGAGACAATAGC

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PTP55

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ACCESSION
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GAAAAGTCTACTATGCAGTATGCCATGGAGGCTTGTGCCGCACCAACCCCCAACAGTTGTC
                                                                                      CAGCTGGGTCCTTGCATTGACGTACAAAAGCCAACATCTTCATGTGAATCACAGACGAAT
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Keohane, E.M., Orr, G.A., Zhang, H.S., Takvorian, P.M., Cal Tanowitz, H.B., Wittner, M. and Weiss, L.M.
The molecular characterization of the major polar tube from Encephalitozoon hellem, a microsporidian parasite from Encephalitozoon hellem, a microsporidian parasite Mol. Biochem. Parasitol. 94 (2), 227-236 (1998)
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Weiss,L.M. and Keohane,
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STPEAFINALSTANDERSPTTSSSTPGTHEDVGTCKISVVKHCDTP
GASSTPCEPEQTIPACPTMATVTPALIASIMVMCLGVTPSVSTPEDVGTCKISVVKHCDTP
GASSTPCEPEQTIPACPGQILSGSVLAPGASSCQLVPGNTPGQMLPGMTPGVSPCLPT
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OEGGGSSSNQTIPGVISPCQPGQGGSGSNQTIPGVISPCQPGQGGSGSNQTIPGVISP
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/note-"putative"
/product-"polar tube protein
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IDVQKPTSSCESQTNEKSTMQYAMEACAAPTPTVVIGNSEYLVGPGMYSSLTSPCNSC
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AVPLCSNTYDPSQ"
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/product="polar tube protein
/protein_id="AAC32812.1"
/db_xref="GI:3452285"
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No. 5.3e-33;
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Direct Submission
Submitted (19-JAN-2001) Division
Submitted (19-JAN-2001) Division, 4
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Scaglia,M., Didier,E.S. and Visvesvara,G.S.
Genotyping Encephalitozoon hellem Isolates by Analysis o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 (bases 1 to 1340) Xiao, L., Li, L., Mour Visvesvara, G.S.
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11376056
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                                                                                                                                    372
                                                       Conservative
                                                                                                                                            /note="genotype: 2B" <1. .>1340
                                                                                                                                                                                                                                                      /product="polar tube protein"
/protein_id="AAK63046.1"
/db_xref="GI:14485653"
                                                                                                                                                                                                                                                                                            /codon_start=3
                                                                                                                                                                                                                                                                                                                                                            /specific_host="Homo sapiens"
/db_xref="taxon:27973"
                                                                                                                                                                                                                                                                                                                                                                                       /organism="Encephalitozoon hellem"
/isolate="CDC:V261"
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                                                                   5.6%;
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                                                    Score 102.6; DB 3;
Pred. No. 4.4e-20;
0; Mismatches 74;
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4770 Buford Highway, Atl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (19-JAN-2001) Division of Parasitic Diseases, Centers for Disease Control and Prevention, 4770 Buford Highway, Atlanta, GA
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11376056
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                 ρ
                                                                                                                                       /codon_start=1
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/protein_id="AAK63044.1"
/db_xref="c1:14485649"
/translation="SINVMKLGNVYSAVPLCSNTYDPSQQQPSYVLIPSTPEAITNCA
YSPKNAYVPSSPTTSSSTPGTNNDNETSPTTEDVGTCKISVVKHCDTPGASSTPCEPE
                                                   TIPGVISPCQPGQGGSGSNQTIPGIVYPCQPGQNGDGSNQTIPGVISPCQPGQGGNGN
GTTGQPGQCVSVPQTPNPIAMPPISGISGNGYPTSTTYTQSLGQLGPCIDVQKPTSSC
                                                                                      QTIPAQPVTMATVTPAIIASVQTPSVVSVIPVTQKVIQPATMIVPPSSIIPGYYPNGT
PAAPGQQGQILSGSVLAPGASSCQLVPGNTPGQMLPGMTPGVSPCLPTQGGDGSNQTI
PGIVYPCQPGQGGSGSNQTIPGVISPCQPGQGGSGSNQTIPGIVYPCQPGQGGSGSNQ
                                                                                                                                                                                                                                                                                                                             /specific_host="Homo sapiens"
/db_xref="taxon:27973"
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/isolate="CDC:V274"
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Query Match

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Score 101.4;

DB 3;

Length 1184;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AGTACTCCTGAGGCTATAACAAACTGTGCATACAGCCCAAAGAATGCATATGTCCCTTCT
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Direct Submission
Submitted (19-JAN-2001) Division
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PGQQGQILSGSVLAPGASSCQLVPGNTPQMLDEGMTSPCLPTQGGGGSGSNQTIPG
VPCQPCQGGSSSNQTIPGISPCQPGQNGDGSNQTIPGIVYPCQPGQGGSGSNQTIPG
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                                                                                                                                     /codon_start=2
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1. .1297
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4770 Buford Highway, At
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AY024342
Encephalitozoon hellem
AY024342
AY024342.1 GI:14345998
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                                                                                                                                                                                                                                                      Direct Submission
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                                                                                                                                                                                             Location/Qualifiers
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Scaglia, M.

Analysis of the

Polar

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                                                                                                                                                                                                                                                              Mammaila; Eutheria; Primates; Catarrhini; Hominidae; 1 (bases 1 to 125020) Holmes, S.E., O'Hearn, E., Rosenblatt, A., Callahan, C., Ingersoll-Ashworth, R.G., Fleisher, A., Stevanin, G., B. Potter, N.T., Ross, C.A. and Margolis, R.L. A repeat expansion in the gene encoding junctophilinassociated with Huntington disease-like 2 Nat. Genet. 29 (4), 377-378 (2001)
                                                                                                                Holmes, S.E., Ingersoll-Ashworth, R.G., Direct Submission Submitted (05-OCT-2001) Psychiatry, Jc Institutions, 600 N. Wolfe St., Baltin Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens junctophilin AF429315
                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa;
                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
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MAYVPSSFTTSSSTPGTMNDNETSPTTEDVGTCKISVVKHCDTPGASSTPCEEPQOTIP
AQPVTMATVTPAIIASVQTBSVVSVLIPVGKVIQPAKWIVPBSSIIPGYSYPNGTPAAP
GQQGILSGSVLAPGASSCQLVPCNTPGQMLPGMTPGVSPCLPTQGGDGSNQTLPGIV
PCQPGQGGSGSNQTIPGIVSPCQPGQGGSGGNGTIPG
VISPCQPGQGGNGSNQTIPGVISPCQPGQGGSGGNGTIPG
VISPCQPGQGGNGSNGTIPGVISPCQPGQGGSGGNGTIPG
TGVISPCQPGQGGNGSNGTTGQPGCVSVPQTPNIAMPPISGISGNGYPTSTTYTQSL
GQLGPCIDVQKPTSSCES"
/map="16q24.3; between D16S520
/note="isolated from a patient
                                                          /organism="Homo sapiens"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -ACCCCAGGGACAMACAACGATAACGAMACATCTC---
                                        /chromosome="16"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GI:17646244
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Primates;
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lin 3 (JPH3)
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                                                                                                                                    try, Johns Hopkins Medical
Baltimore, MD 21287, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 3;
5.6e-19;
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gene,
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                                                                                                                                                                                            Ross, C.A. and Margolis,
  and WI-12410" with Huntington'
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Best Local Similarity 12.2%;
Matches 121; Conservative 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             51574 AYKKYKSRASRCKGWGKMAKSCMRRYMMYKWGGGAGKCCSAGGMTGRTGSRWSACCWKMS
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                                                    agcaacaggtcctttctggcacccttctcccaggagccactttgtgtcaggatcaaggta 1179
                                                                                                                                                                                                                                                                 WCSTTYTGMSGGKSRWWTSSMACMYWYKGSRRKTKSMATSGCMRMGAMRSKGGMRKYWSC 51095
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                                                                                                                              RYKGMRWGRWSGYKGCSGYMSMGMYGSGRTSKYCSYTGGYCSKCSAKMCKSKSTSKSCCT
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/gene="JPH3"
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/rpt_type=tandem
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/Product="junctophilin 3"
/Protein_id="AAL40941.1"
/db_xref="G1:17646245"
/db_xref="G1:17646245"
/translation="MSSGGRENFDDGGSYCGGWEDGKAHGHGVCTGPKGQGEYTGSWS
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/translation="MSSGGRENFDDGGSYCGGWEDGKAHGHGVCTGPKGQGEYTGSWS
/translation="MSSGGRENFDDGGSYCGGWEDGKAHGHGVCTGPKGQGEYTGSWS
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/translation="MSSGGRENFDDGGSYCGGWEDGKAHGHGVCTGPKGQGEYTGSWS
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/translation="MSSGGRENFDDGGSYCGGWEDGKAHGHGVCTGPKGQGEYTGSWS
/translation="MSSGGRENFDDGG"
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membrane and endoplasmic reticulum"
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complement(<36507. .>3688
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Pred. No. 0.004
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Holmes,S.E., O'Hearn,E., Rosenblatt,A., Callahan,C., Hwang,H.S., Ingersoll-Ashworth,R.G., Fleisher,A., Stevanin,G., Brice,A.,
                                                                                                                                                                                                                                                                                                                                            Submitted (05-OCT-2001) Psychiatry, Johns Hopkins Medical Institutions, 600 N. Wolfe St., Baltimore, MD 21287, USA Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Potter, N.T., Ross, C.A. and Margolis, R.L.
A repeat expansion in the gene encoding junctophilin-3
associated with Huntington disease-like 2
nat. Genet. 29 (4), 377-378 (2001)
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                                                                                                                      /gene="JPH3"
/product="junctophilin 3"
complement(<36507. .>3688
                                                                                                                                                                                                                    /map="16q24.3; between D16S520 and WI-12410"
/note="isolated from a patient with Huntingt
Disease-Like 2 (HDL2)"
complement(35581...35746)
                                 membrane and endoplasmic reticulum"
                                                              complement(<36507. .36887)
/gene="JPH3"
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/note="JP3"
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                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/db_xref="taxon:9606"
/chromosome="16"
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Human chromosome 14 DNA sequence BAC R-796G6 of library RPCI-11 from chromosome 14 of Homo sapiens (Human), complete sequence.
AL355032
AL355032.6 GI:16944347
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BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope
- Web : www.genoscope.cns.fr)
On Nov 15, 2001 this sequence version replaced g1:15913338.
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1 (bases 1 to 203108)

Heilig,R., Petit,J.L., Vico,V., Dasilva,C., Robert,C., Wincker,P.,
Brottler,P., Cattolico,L., Barbe,V., Pelletier,E., Artiguenave,F.,
Levy,M., Eckenberg,R., Bruls,T., deBerardinis,V., Cruaud,C.,
Gyapay,G., Saurin,W. and Weissenbach,J.
Sequencing of the human chromosome 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The following BAC sequence is oriented from the T7 to the Upstream BAC (overlapping the T7 end): C-2017C7 (AC-AL137 Downstream BAC (overlapping the SP6 end): R-1029J19

Summary Statistics
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RHdb:RH79574
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Vaccine; gene therapy; polar tube protein; microsporidium; antibody; antiparasitic; antiprotozoan; immunostimmulatory; immunoassay; opportunistic pathogen; immunocompromised patient; AIDS; ds. 21-JUN-2000 (first entry) Delbac F, 07-JUL-1998; 06-JUL-1999; 13-JAN-2000. WO200001724-A1 Encephalitozoon cuniculi. Encephalitozoon cuniculi polar tube protein PTP55 gene. AAZ91192 standard; DNA; 1830 (CNRS) CNRS CENT NAT RECH SCI. Vivares C, 98FR-0008692 99WO-FR01630 Danchin BP. P

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New microsporidial tube protein and related nucleic acid, useful e.g.

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AAF45087
ID AAF4
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AC AAF4
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DT 03-F
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DE Hume
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KW Cytc
KW anti
                                       03-APR-2001
                     Human secreted protein coding sequence SEQ
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                                      entry
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Cytostatic;

antiallergic;

immunosuppressive; nootropic;
c; hepatotropic; antidiabetic;

neuroprotective; antiviral; antiinflammatory; antiulcer

antiulcer;

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The invention relates to the isolation of genes AAF45072-F45120 encoding CC 48 human secreted proteins AAB55920-B65968. The genes can be used to generate fusion proteins by linking to the gene for the human CC generate fusion proteins by linking to the gene for the human cCC immunoglobulin G FC portion (SEQIDI) for increasing the stability of CC the fusion protein as compared to the human protein only. The genes and CC proteins are useful for preventing, ameliorating or treating medical CC conditions, e.g. by protein or gene therapy. The genes are isolated CC from a range of human tissues disclosed in the specification. The CC nucleic acids, proteins, antibodies and (ant)agonists are useful in CC disagnosis, treatment and prevention of: (a) cancer, e.g. breast CC and ovarian cancer, and other cancers of the adrenal gland, bone, bone CC marrow, breast, gastrointestinal tract, liver, lung, or urogenital; (CC) immune disorders e.g. Addison's disease, allergies, autoimmune CC disease, multiple sclerosis, rhemmatoid arthritis and ulcerative conditions.
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Best Local Similarity
Matches 136; Conser
                                                     1138
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      colitis; (c) cardiovascular disorders such as myocardial ischaemias; (d) wound healing; (e) neurological diseases e.g. cerebral anoxia and epilepsy; and (f) infectious diseases such as viral, bacterial, fungal and parasitic infections.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Isolated nucleic acid molecule encoding a human secreted protein used in preventing, treating or ameliorating a medical condition
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P-PSDB; AAB65935.
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RESULT
ABA47116
 nucleic acid probes for measuring gene expression in a sample derived from human breast and BT 474 cells. The method involves contacting the probes with a collection of detectably labelled nucleic acids derived from mRNA of human breast, and then measuring the label bound to each probe of the microarray. The probes are useful for verifying the expression of regions of genomic DNA predicted to encode proteins. They are useful for gene discovery, and for determining predisposition and/or prognosing breast disease. Gene expression analysis is useful for assessing the toxicity of chemical agents on cells. The microarray of this invention presents a far greater diversity of probes for measuring gene expression, with far less bias than expressed sequence tag microarrays. The method is suitable for rapid production of functional information from genomic sequence. The present sequence is a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              04-FEB-2000; 2000US-0180312.

26-MAY-2000; 2000US-0204456.

30-JUN.2000; 2000US-0608408.

03-AUG-2000; 2000US-0632366.

21-SEP-2000; 2000US-0234687.

27-SEP-2000; 2000US-0236359.

04-OCT-2000; 2000GB-0024263.
Sequence 611 BP; 104 A; 238 C; 111 G;
                                                                                                                                                                                                                                                                                                                                                                                 Claim 4;
                                                                                                                                                                                                                                                                                                                                                                                                                 New spatially-addressable set of single exon nucleic acid puseful for measuring gene expression in sample derived from breast, comprises number of single exon nucleic acid probes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           disease;
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21-SEP-2000;
27-SEP-2000;
04-OCT-2000;
                                                                                   measuring human gene expression in a sample derived from human foetal liver. The single exon nucleic acid probes may be used for predicting, measuring and displaying gene expression in samples derived from human fetal liver. The present sequence is a single exon nucleic acid probe of the invention.

Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences.
                                                                                                                                                                                                                Human genc
analyzing
                                                                                                                                                                                              Claim
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                                                                       Sequence
                                                                                                                                                            The invention relates to a single exon nucleic acid probe measuring human gene expression in a sample derived from h
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30-JUN-2000;
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zing gene expression in
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                               Similarity
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                       Conservative
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2000US-0207456,
2000US-0608408,
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2000US-0234687,
2000US-0236559,
2000US-0236559,
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30-JUN-2000;
03-AUG-2000;
21-SEP-2000;
27-SEP-2000;
                                                           measuring human gene expression in a sample derived from human heart present sequence is one such probe. The probes may be used for predicting, measuring and displaying gene expression in samples deri from the human heart via microarrays. By measuring gene expression, probes are useful for predicting, diagnosing, grading, staging, menitoring and prognosing diseases of the human heart and vascular e.g. cardiovascular disease, hypertension, cardiac arrhythmias and congenital heart disease.
                                                                                                                                                                                                                                                                                                                                        Single
hearts
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                     Note: The sequence data specification, but was o
                                                                                                                                                                                                                                              The present invention relates to single exon nucleic acid probes for
                                                                                                                                                                                                                                                                                                Claim
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ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                             nucleic acid
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2000US-0608408.
2000US-0632366.
2000US-0234687.
2000US-02346359.
2000US-0236359.
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Matches 115
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03-AUG-2000;
21-SEP-2000;
  The present invention provides a number of single exon nucleic acid probes which are derived from genomic sequences expressed in the hubrain. They can be used to measure gene expression in brain cell sar
                                                                                   Single exon
                                                                                                                                                                                                                                          04-FEB-2000;
26-MAY-2000;
                                                                                                                                                                                                                                                                                                                                                                                  Human; brain expressed exon; gene expression analysis; probe;
microarray; Alzheimer's disease; multiple sclerosis; schizophrenia;
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                                                 Example
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2000US-0632366.
2000US-0234687.
2000US-0236359.
2000US-0024263.
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2000US-0207456.
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in the human
in cell samples,
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Matches 115; Conservative
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26-MAY-2000;
30-JUN-2000;
03-AUG-2000;
21-SEP-2000;
27-SEP-2000;
                               Human genome-derived single exon nucleic acid probes useful analyzing gene expression in human bone marrow -
                                                                   WPI;
                                                                                          Penn
                                                                                                                                                                                                                                  30-JAN-2001; 2001WO-US00668
                                                                                                                                                                                                                                                                                                                             Human; bone marrow expressed exon; gene expression analysis; probe; microarray; cancer; leukaemia; lymphoma; myeloma; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                      AAK39161 standard; DNA; 611
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                                                                                                                                         04-OCT-2000;
                                                                                                                                                                                                                                                           09-AUG-2001
                                                                                                                                                                                                                                                                                  WO200157276-A2
                                                                                                                                                                                                                                                                                                         Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                Human bone marrow expressed single exon probe SEQ ID NO: 13718
                                                                                                                                                                                                                                                                                                                                                                                         06-NOV-2001
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                                                                                                                (MOLE-)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cctgcacacatgggttgtgttggatccattcccacaccattcccttcagccaccggctct 461
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                                                                                          SG,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ccccaggagtcactttgtgtcagggacaggccacgcctagcactcctgggcagcaacagg 1128
                                                                                                                MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1131
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                                                                                         Hanzel DK,
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; 2000US-0207456.
; 2000US-0608408.
; 2000US-0632366.
; 2000US-0234687.
; 2000US-0236359.
; 2000US-0236263.
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                                                                                         Chen W,
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Pred. No. 0.21
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                                                                                          Rank DR;
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Example 4; SEQ ID

NO:

13718; 658pp + Sequence Listing;

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RESULT AAI119970
ID AAI119970
ID AAI11970
AX AAI11970
AX AAI11

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Best Local
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26-MAY-2000;
30-JUN-2000;
03-AUG-2000;
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                                                                                                   WPI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Probe #9903
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                    Human genome-derived single exon nucleic acid probes useful analyzing gene expression in human cervical epithelial cells
                                                                                                                                                                                               (MOLE-)
                                                                                                                                                                                                                                                                                                21-SEP-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cervical cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Probe; human; microarray;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12-OCT-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAI19970;
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                                                                                                                                                                                                                                           ; 2000US-0180312
; 2000US-0207456
; 2000US-0608408
; 2000US-0632366
; 2000US-0234687
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                                                                                                                                               DK,
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Pred.
                                                                                                                                                 Rank DR;
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No. 0.
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RESULT 1
AAI45168
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wxsssssssxx
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Best Local :
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26-MAY-2000;
30-JUN-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              maicroarray, which can be used for measuring human gene expression in a sample derived from human cervical epithelial cells. By measuring gene expression, the probes are therefore useful in grading and/or staging of diseases of the cervix, notably cervical cancer. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at fip.wipo.int/pub/published_pct_sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Probe #13854 used
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  Penn
                                                                                                                     21-SEP-2000;
27-SEP-2000;
                                                                                                                                                                 03-AUG-2000;
                                                                                                                                                                                                                                                                                  30-JAN-2001;
                                                                                                                                                                                                                                                                                                                                 09-AUG-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             genetic disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Probe; microarray;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17-OCT-2001
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                                                 (MOLE-)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              582
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  SG,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 accacgtccaccctgttccctgcacacgtggggtgtgttggatccattcccacaccattc
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115; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25;
                                              MOLECULAR DYNAMICS
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  Hanzel
                                                                                        2000US-0180312.
2000US-0207456.
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                                                                                                                                                                                                                                                                                     2001WO-US00663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (first entry)
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  봈
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  No 9903;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                human;
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47.3%;
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Chen W,
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                                                 INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 38.2; D
Pred. No. 0.21
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gene
  Rank
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            expression in human
  DR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                antenatal diagnosis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     158 T; 0 other;
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RESULT 1
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Best Loc
Matches
                                                                                            04-FEB-2000;
26-MAY-2000;
30-JUN-2000;
03-AUG-2000;
21-SEP-2000;
27-SEP-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The present invention relates to single exon nucleic acid probes The present sequence is one such probe. The probes are useful for producing a microarray for predicting, measuring and displaying expression in samples derived from human placenta. The probes are for antenatal diagnosis of human genetic disorders.
                                                                                                                                                                                                                                                           29-JAN-2001; 2001WO-US00661
                                                                                                                                                                                                                                                                                                         09-AUG-2001
                                                                                                                                                                                                                                                                                                                                                       WO200157270-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                            Probe; human; breast disease; breast cancer; development disorder; ss; inflammatory disease; proliferative breast disease; non-carcinoma tumo
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                        MOLE-)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25;
                        MOLECULAR
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; 2000US-0207456.
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Pred. No. 0.21
0; Mismatches
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Best Matches

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Query Match
                                                                                                                                                                                             The present invention relates to novel single exon nucleic acid probes. The present sequence is one such probe. The probes are useful for measuring human gene expression in a human breast sample, where the prob hybridises at high stringency to a nucleic acid expressed in the human breast. The probes are useful for predicting, diagnosing, grading, staging, monitoring and prognosing diseases of the human breast, particularly those diseases with polygenic aetiology. The diseases include: breast cancer, disorders of development, inflammatory diseases of the breast, fibrocystic changes, proliferative breast disease and non-particular, fibrocystic changes, proliferative breast disease and
                                                                                Sequence
                                                                                                                                         Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO
                                                                                                                                                                                   non-carcinoma tumours
                                                                                                                                                                                                                                                                                                                                                                                                            Claim
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Che unidentifiable bases were annotated as 'N'.

The sequence may be useful for synthesis of hybridisation probes for diagnostic use. The genes are cloned by screening a rat cerebral cortex comes in the probe based on nucleotides 170-225 of the non-coding strand of porcine brain (ml) cDNA (modified at positions 5, 38 and 53);

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Muscarinic

acetylcholine receptor; ml; drug screening; probes;

88

receptor gene

Human muscarinic acetylcholine ml

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The sequence may be useful for synthesis of hybridisation probes for diagnostic use. The genes are cloned by screening a rat cerebral cortex cDNA library with a probe based on nucleotides 170-225 of the non-coding strand of porcine brain (ml) cDNA (modified at positions 5, 38 and 53); identifying cDNA clones by hybridisation with BamHI or XhoI digests of plasmid DNA from 12 cultures contg. up to 500000 Independent clones; reculturing until a pool conty. less than 5000 independent clones with a single hybridisation band are identified, and isolating individual clones by colony hybridisation. Stable cell lines produced by transfecting Chinese hamster ovary cells See also AA002068-020671 and AA00086.
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23-DEC-1999;
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                                                                                                                                       antiparkinsonian; and immunostimulant. The proteins and polynucleotides encoding them can be used in gene therapy, antisense therapy and vaccine production. The proteins and polynucleotides are useful for screening for agonists or antagonists of a protein and for the treatment and diagnosis of disorders associated with the activity of a protein e.g. inflammation, rheumatoid arthritis, septic shock, pancreatitis, cardiac dysfunction, neuropathology, cardiac anaphylaxis, viral, bacterial, HIV and fungal infections, autoimmunity, genetic diseases, haematopoletic disorders, anapmia niatelat disorders the cardiac disorders in a protein and fundamental anaphylaxis.
                                                                                                                                                                                                                                                                                                                 AAH99166 to AAH99904 encode the human proteins given in AAM25225 to AAM25963. The proteins can have activities based on the tissues and cells they are expressed in, such as antiinflammatory; antirheumatic; antiarthritic; immunosuppressive; antibacterial; endocrine; cardiant; central nervous system; virucide; anti-HIV; fungicide; antimutagen; cardiovascular; antianaemic; antiaggregant; haemostatic; vulnerary; antiulcer; osteopathic; dermatological; antiallergic; antiasthmatic; antidabetic; cytostatic; neuroprotective; antidepressant; nootropic; antidabetic; cytostatic; neuroprotective; antidepressant; nootropic;
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                                                                             anaemia, platelet disorders, thrombocytopaenia, wounds, burns, ulcers, osteoporosis, severe combined immunodeficiency, eczema, allergic rhinitis, asthma, diabetes, cancer, multiple sclerosis, depression,
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                                                             rhinitis, asthma, diabetes,
Alzheimer's disease, Parkin
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antibacterial; endocrine; cardiant; central nervous system; virucide;
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                                                               disease, Parkinson's disease,
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Best Local
                                                            TELEFAX: (703) 205-80
TELEX: 248345
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: HO, BOW TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                               SEQUENCE CHARACTERISTICS:
                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 205-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION: NAME: Murphy, Jr., Geral
                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                       NAME: Murphy, Jr., Gerald M. REGISTRATION NUMBER: 28,977
STRANDEDNESS:
         LENGTH: 3448 base pairs
TYPE: nucleic acid
                                                                                                         TELEPHONE:
                                                                                                                                          REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                        CLASSIFICATION: 435
                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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                                                                                        (703) 205-8050
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house Road, Suite 500 East
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US-08-296-014A-3
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Best Local Similarity
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                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 3448 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
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HYPOTHETICAL: NO
ANTI-SENSE: NO
                FEATURE:
                                              ORIGINAL SOURCE:
                                                                        MOLECULE TYPE: CI
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                                                         ANTI-SENSE:
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                                                                                                                                                                                                                                                              NAME: Murphy, Jr., Gerald M. REGISTRATION NUMBER: 28,977 REFERENCE/DOCKET NUMBER: 178
                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
NAME/KEY:
                                ORGANISM:
                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                             FILING DATE:
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Pred. No. 1.2;
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US-08-877-620-3
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US-08-596-405-3
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Best Local Similarity 65.4%;
Matches 51; Conservative •
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                                                                                                                                                                                                                        TELEFAX: (703) 205-805
TELEX: 248345
INFORMATION FOR SEQ ID NO:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/877,620
                                              FEATURE:
                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
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                                                                             ANTI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                                        HYPOTHETICAL:
                                                                                                                        MOLECULE TYPE:
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STREET: 8110 Gatchouse Road, Suite
CITY: Falls Church
STATE: Virginia
                                                                                                                                                                                                                                          TELEPHONE: (703) 205-8050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                        NAME: Murphy, Jr., (REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                              NAME/KEY:
                                                              ORGANISM:
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Pred. No. 1.2;
0; Mismatches
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                                                                                       Matches
                                                                                                 Query Match
Best Local Similarity
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                                              1197 gttcctggacagcagggacagtctagtggacagtgttgtgcccctcagattccaaaccct 1256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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APPLICANT:
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ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                          MOLECULE TYPE: CD
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                           1821 GTTCTTTGACAGCTGGTACTGTGTGGGGTACAGCCATATACCATGAACTTTCCTCAGTGT 1880
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ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION:
1257 gtcatgccgccatccatg 1274
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LENGTH: 4182 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Murphy, Jr., Gerald M. REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 178
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0; Mismatches
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ad, Suite
                                                                                                 Score 34.8; D
Pred. No. 1.4;
                                                                                    Mismatches
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RESULT 7
US-08-877-620-1
; Sequence 1, Application US/08877620
; Patent No. 5985590
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Best Local Similarity
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TELEX: 248345
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                        1257
                                                                                                       1881 GTCGTGCAGCCATCCATG 1898
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MOLECULE TYPE: CU
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FEATURE:
NAME/KEY: CDS
LOCATION: 569..3817
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ding, Jeak Ling
APPLICANT: Ho, Bow
TITLE OF INVENTION: The Cloned Factor C cDNA of the
TITLE OF INVENTION: Singapore Horseshoe Crab, Carcinoscorpius
TITLE OF INVENTION: rotundicauda and Purification of Factor C Proenzyme
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 205-8000
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, St
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FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Murphy, Jr., Gerald M. REGISTRATION NUMBER: 28,977 REFERENCE/DOCKET NUMBER: 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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Virginia
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8110 Gatehouse Road, Suite 500 East
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Pred. No. 1
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GENERAL INFORMATION:
APPLICANT: Chol, Eui-Sung
APPLICANT: Rhee, Sang-Ki
APPLICANT: Lee, Eun-Hae
APPLICANT: Lee, Eun-Hae
                                                                                   Sequence 23, Appli
Patent No. 6204040
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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APPLICANT: HO, Bow
TITLE OF INVENTION: The Cla
TITLE OF INVENTION: Singap
TITLE OF INVENTION: rotund
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEPAX: (703) 205-8050
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PRIOR APPLICATION NUMBER: (
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LENGTH: 4182 base pairs
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NAME: Murphy, Jr., Geral
REGISTRATION NUMBER: 28,
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM:
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8110 Gatehouse Road,
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 Gluconobacter Suboxydans Sorbitol Dehydrogenase,
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R: 28,977
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nouse Road, Suite 500 East
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Pred. No. 1.4;
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RESULT 10
US-09-206-284-7
; Sequence 7, Application US/09296284A
; Patent No. 6204040
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LENGTH: 1437
TYPE: DNA
ORGANISM: Gluconobacter suboxydans
US-09-296-284-2
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; TYPE: DNA
; ORGANISM: Gluconobacter suboxydans
US-09-296-284-23
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/296,284A
CURRENT FILING DATE: 199-04-22
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin Ver. 2.0
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APPLICANT: Rhee, Sang-Ki
APPLICANT: Lee, Eun-Hae
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CURRENT FILING DATE: 1999-04-22
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                      1368 gccgcagccttatggcgaaggctggaccttctccccgcagacaca 1412
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Pred. No. 1.4;
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APPLICANT: Choi, Eu
APPLICANT: Rhee, Sa
APPLICANT: Lee, Eun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 1.8%;
Best Local Similarity 50.3%;
Matches 83; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 199, Application US/08943731 Patent No. 6265157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/296,284A
CURRENT FILING DATE: 1999-04-22
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lee, Eun-Hae
TITLE OF INVENTION: Gluconobacter Suboxydans Sorbitol Dehydrogenase, Genes
TITLE OF INVENTION: and Methods of Use Thereof
FILE REFERENCE: 1533.0870000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 4830
TYPE: DNA
ORGANISM: Gluconobacter suboxydans
                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                               SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA: APPLICATION UNMERE: US/08/943,731 FILING DATE: 03-OCT-1997
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET,
STREET: FLR.
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KORKKO, JAMES
APPLICANT: KORKKO, JAMES
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                      PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4271 gggtactgcggtttccacggccggctggaacgtctcttccaagggctggatggcctacat 4330
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                                          FILING DATE: 0: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                         CITY: PHILADELPHIA
                                                                                                                                                                                                                                                        COUNTRY:
  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ccatgaacattagtggaaatgggtatccttcttctaccgcataca 1314
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                                                                                                                                                                                                                                        RY: USA
19103-7086
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Rhee, Sang-Ki
                                                                                                                                                                                                                                                                                   PA
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DELTAS, CONSTANTINOS D
SEREDA, LARISA
LARSON, ANDREA W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PACK, MICHAEL
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US 08/212,322
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                                                                                                                              Version #1.30
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ATTORNEY/AGENT INFORMATION: NAME: DOYLE LEARY Ph.D.,

LEARY Ph.D.,

KATHRYN

APPLICATION NUMBER:

US 07/803,628

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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-CCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
TILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/08943731 Patent No. 6265157
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SEQUENCE CHARACTERISTICS:
LENGTH: 626 base pairs
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                               ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C. STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22NE STREET: FLR.
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TOPOLOGY: 111
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REFERENCE/DOCKET NUMBER: 95
                                                                                                                                                                                                                                                 COUNTRY:
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19103-7086
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                                                                                                                                                                                                                                                                                 PHILADELPHIA
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                                                                                                                                                                                                                                                                                                                                                                                                                                   PACK, MICHAEL COLIGE, ALAIN EARLY, JAMES KORKKO, JARMO
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SEREDA, LARISA
LARSON, ANDREA W.
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57.0%; Pred. No. 1.
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JS-08-934-386-4
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20084 harm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                      TELEFAX: (713) 789-26 INFORMATION FOR SEQ ID NO:
                                                                                                                                      APPLICATION NUMBER: US/08/934
FILING DATE: 19-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: ARSH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13765 GTGGAGAAAACTGTGTTTGGATCCACAGATGCTGCAGGACGGCACGG 13719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13825 AGCTATGGTGGGCAGCGGCAGGGGCCACCCCCGACCACCACCCTGGGGGCCTGTGGGTGC 13766
                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IDM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D..
                                             SEQUENCE CHARACTERISTICS:
LENGTH: 1778 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Haselkorn, Robert
APPLICANT: Gornicki, Piotr
                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 77210-4433
                TOPOLOGY:
                                 STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DOYLE LEARY Ph.D., KATHRYN RATION NUMBER: 36,317
                                                                                                                                                                                                                                                                                                                                                                                                                                              Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Arnold, W
P.O. Box 433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                  linear
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                                                                                                                       789-2679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Methods for Detecting Nucleic Acid
Segments Encoding Acetyl-CoA Carboxylase
: 68
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Pred. No. 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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GENERAL INFORMATION:
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Best Local Similarity 60.7%;
                                                                                                                                 Matches
                                                                                                                                                  Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 324-096
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                            MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 466
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1070RMATION:
TELECOMMUNICATION 1070RMATION:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                      946 tgcctagcactcctggacagcaacagatcctttctggcactcttcccccaggggtcactt 1005
                                                                                 886 agcaacagatcctttctggcactcttcccccaggagccactttgtgtcagggacaggcca 945
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OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Palo Alto
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TYPE: nucleic acid
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TOPOLOGY: 11
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                                                                                                                                                                                                                                                                      LENGTH: 5836
TYPE: DNA
ORGANISM: HOMO S
FEATURE:
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CURRENT FILING DATE: 1999-01-19
EARLIER APPLICATION NUMBER: US 60/071,861
EARLIER FILING DATE: 1998-01-20
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Tavtigian, Sean V.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
FILE REFERENCE: MMSC1 Gene
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BH535822 BOGEY58TF
BH434901 BOHNQ30TF
BM280783 k10501,y
AL059446 Drosophil
BM281363 k112h02.y
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AW165781 MBASBWA19
B1282815 UI-R-DA0-AL206803 Tetraodon
BG955899 CM3-CT060
AL250672 Tetraodon
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			AL174161 Tetraodon	AU132863 AU132863	BF703878 MI-P-01-a		AL068159 Drosophil		AL168241 Tetraodon	AQ116963 HS_3021_A	AL533429 AL533429	AL537015 AL537015	AJ392991 AJ392991	Drosoph	BG383812 302198 MA	BE973122 601652003	BG564009 602584842	BF209183 601873016	AL338680 Tetraodon	BI397496 AC95 Ac_A		q				28	AL262199 Tetraodon	

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REFERENCE
AUTHORS
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DNA is from a doubled haploid
                                                                                                                                                                                                                                                                                   9712 Medical Center Drive,
Tel: 301-838-3523
Fax: 301-838-0208
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Town,C.D., Van Aken,S., Utterback,T. and Fraser,C.M.
Whole genome shotgun sequencing of Brassica oleracea
Unpublished (2001)
Other_GSSs: BOGEY58TR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Rosidae; eurosids II; Brassicales; Brassicaceae; Brassica.
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BOGETSTE BOGE Brassica oleracea genomic clone BOGEY58, DNA
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                   263
             /organism="Brassica oleracea"
/strain="T01000DH3"
/db_xref="taxon:3712"
/clone="BOGEY58"
/clone_11b="BOGEY58"
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/note="Vector: pHOS1; Site_1: BstXI; 2-3 kb sheared
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Tel: 301-838-3523
Fax: 301-838-0208
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/note="Vector: pHOS1; Site_1: BstXI; 2-3 kb sheared genomic DNA inserted into pHOS1 using BstXI linkers"
105 c 144 g 247 t
                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Brassica oleracea"
/strain="TO1000DH3"
/db_xref="taxon:3712"
/clone="BOHNQ30"
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                                                                                                           gcactcctgggcagcaacaggtcctttctggcacccttctcccaggagccactttgtgtc 1167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: est@watson.wustl.edu
The library was supplied by Dr. Dante Zarlenga of the USDA
Immunology and Disease Resistance Lab in Beltsville, MD. The cDNAs
were made from 21 day L4 proximal (isolated from jejunum) and
directionally cloned into the NotI/SalI sites of pSPORTI.
Seq primer: -40RP from Gibco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: McCarter JP
The Washington Univ. Nematode EST Project, 1999
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BM280783 387 bp mRNA linear EST 28-DEC-2001 ki05a01.yl Ascaris suum L4 pSPORT1 Zarlenga vl Ascaris suum cDNA 5' similar to WP:CE25434 Y54E10BL.2 collagen; mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone_lib="Ascaris suum
/dev_stage="L4"
/lab_host="DH5-alpha"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Ascaris suum"
/db_xref="taxon:6253"
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atgcaattaactctccatgcaacactgctgtccaatgctgctaggctaaaataaaacgag
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Pterygota; Neoptera; Endopterygota; Diptera; Brachycera;
Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
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BACR26P04 of RPCI-98 library from
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/db_xref="taxon:7227"
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aggatcaaggtatgcctggaacatccggagttcctggacagcagggacagtctagtggac
                                                                                                                    gcactcctgggcagcaacaggtcctttctggcacccttctcccaggagccactttgtgtc 1167
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                                                                      GACCTCCAGGACCAGATGCCGAACTTCACGATCGTCTTCTGCCCGTACCACCACAATGTC
                                                                                                                                                                       ATGGACCTCCGGGTGCACCAGGCAAAGATGGTGCTCCCGGTGATGGACCTGGCCCGCCAG 342
                                                                                                                                                                                                                                                                    l Similarity
92; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The library was supplied by Dr. Dante Zarlenga of the USDA Immunology and Disease Resistance Lab in Beltsville, MD. The were made from 21 day L4 proximal (isolated from jejunum) and directionally cloned into the Noti/Sali sites of psporTi. Seq. primer: -40RP from Gibco
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McCarter, J., Clifton, S., Chiapelli, B., Pape, D., Martin, J.,

Dante, M., Marra, M., Hiller, L., Kucaba, T., Theising, B.,

Tanapare,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BM281363 498 bp mRNA linear EST 28-DEC-2001 ki12h02.yl Ascaris suum L4 pSPORT1 Zarlenga vl Ascaris suum cDNA 5' similar to WP:CE25434 Y54E10BL.2 collagen ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The Washington Univ. Nematode EST Project, 1999
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The Washington Univ. Nematode Unpublished (1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               BM281363
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Wilson, R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Nematoda; Chromadorea; Ascaridida; Ascaridoidea
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ascarididae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     quality sequence stop: 451.
Location/Qualifiers
                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                             /note-"Vector: pSPORT1 (Life Technologies); Site_1: NotI; Site_2: SalI; The library was supplied by Dr. Dante Zarlenga of the USDA Immunology and Disease Resistance Lab in Beltsville, MD. The cDNAs were made from 21 day L4 proximal (isolated from jejunum) and directionally cloned into the NotI/SalI sites of pSPORT1."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone_lib="Ascaris suum L4 pSPORT1 Zarlenga
/dev_stage="L4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Ascaris suum"
/db_xref="taxon:6253"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="DH5-alpha"
                                                                                                                                                                                                                                                                                           2.1%;
51.1%;
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Pred. No. 5.4;
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Matches 92
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                                                     362
                                                                       aggatcaaggtatgcctggaacatccggagttcctggacagcagggacagtctagtggac 1227
                                               CCTGTCAAGCTCCTCGGACCTCCTGGGCCTCCTGGACCACCTGGACAGGATGGACAAC
                                                                                                                                                       gcactcctgggcagcaacaggtcctttctggcacccttctcccaggagccactttgtgtc 1167
                                                                                                                                                                                            ATGGACCTCCGGGTGCACCAGGCAAAGATGGTGCTCCCGGTGATGGACCTGGCCCGCCAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FORWARD: M13 Reverse (AGCGGATAACAATTTCACACAGGA)
BACKWARD: M13 FORWARD (CGCCAGGGTTTTCCCCAGTCACGAC)
Seg primer: M13 Reverse (AGCGGATAACAATTTCACACAGGA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: mark.blaxter@ed.ac.uk
The Ascaris suum EST dataset (including the ASC clustering information) is available on the www at http://www.ed.ac.uk/(tilde
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A survey of genes expressed in 
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Daub, J., Geary, T. and Blaxter, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                )mbx/AscarisWeb/AscarisEST.html
PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: +44 131 650 6760 Fax: +44 131 670 5450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ashworth Labs, 3JT, UK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Nematoda; Chromadorea;
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                                                                                                                                                                                                                                                                                 Similarity
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                                                                                                                                                                                                                                                                                                                                                                         121
                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                         /note-"Vector: Lambda Zap II; Site_1: NotI (5'end); Site_2: NotI (3'end); Ascaris suum is an intestinal nematode parasite of pigs. The library was constructed from dissected body wall muscle and hypodermis tissue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /clone_lib="Ascaris suum
muscle and hypodermis"
/sex="mixed"
                                                                                                                                                                                                                                                                                                                                                                     [tggeary@am.pnu.com]"
172 c 152 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /tissue_type="body wall muscle and hypodermis"
/dev_stage="adult"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone="MBAsBWA022"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Ascaris suum"
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                                                                                                                                                                                                                                                                                                                                                                                                          T. Geary, Pharmacia-Upjohn Inc,
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Ascaris suum cDNA clone MBAsBWA022
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                                                                                        CCTGTCAAGCTCCTCGGACCTCCTGGGCCTCCTGGACCACCTGGACAGGATGGACAAC
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Fax: 314 286 1810
Email: estéwatson.wustl.edu
The library was supplied by Dr. Dante Zarlenga of the USDA
The library was supplied by Dr. Dante Zarlenga of the USDA
Immunology and Disease Resistance Lab in Heltsville, MD. The of the more made from 21 day L4 proximal (isolated from jejunum) and directionally cloned into the Notl/SalI sites of psPoRTI.
Seg primer: -40RP from Gibco
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ki02d10.yl Ascaris suum L4 pSPORT1 Zarlenga vl Ascaris suum cDNA
similar to WP:CE25434 Y54E10BL.2 collagen ;, mRNA sequence.
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Ronko,I., Kennedy,S., Maguire,L., Beck,C., Underwood,K., Steptoe
M., Allen,M., Person,B., Swaller,T., Harvey,N., Schurk,R., Kohn,S.
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Scarter, J., Clifton, S., Chiapelli, B., Pape, D., Martin, J., Dante, M., Marra, M., Hillier, L., Kucaba, T., Theising, B., Dante, M., Marra, M., Hillier, L., Kucaba, T., Theising, B., Dante, M., Marra
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               quality sequence stop: 481.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Vector: pSPORT1 (Life Technologies); Site_1: NotI; Site_2: SalI; The library was supplied by Dr. Dante Zarlenga of the USDA Immunology and Disease Resistance Lab in Beltsville, MD. The cDNAs were made from 21 day L4 proximal (Isolated from jejunum) and directionally cloned into the NotI/SalI sites of pSPORT1."
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/db_xref="taxon:6253"
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Pred. No. 5.
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BM280471 566 bp mRNA linear EST 28-DEC-20 ki01b10.yl Ascaris suum L4 pSPORT1 Zarlenga vl Ascaris suum cDNA similar to WP:CE25434 Y54E10BL.2 collagen ;, mRNA sequence.

EST 28-DEC-2001

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RESULT
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KEYWORDS
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Best Local 9
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BM285287
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Contact: McCarter JP
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Dante,M., Marra,M., Hillier,L., Kucaba,T., Theising,B., Bowers,Y.,
Gibbons,M., Ritter,E., Bennett,J., Franklin,C., Tsagareishvili,R.,
Ronko,I., Kennedy,S., Maguire,L., Beck,C., Underwood,K., Steptoe,M., Allen,M., Person,B., Swaller,T., Harvey,N., Schurk,R., Kohn,S.,
Shin,T., Jackson,Y., Cardenas,M., McCann,R., Waterston,R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The library was supplied by Dr. Dante Zarlenga of the USDA Immunology and Disease Resistance Lab in Beltsville, MD. The were made from 21 day L4 proximal (isolated from jejunum) and directionally cloned into the Notl/Sall sites of pSPORT1.
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314 286 1810
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/dev_stage="L4"
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/db_xref="taxon:6253"
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                                                      577 bp mRNA linear EST 28-DEC-20 Ascaris suum L4 pSPORT1 Zarlenga v1 Ascaris suum cDNA WP:CE25434 Y54E10BL.2 collagen ;contains MER22.bl MSR1 element ;, mRNA sequence.
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                                                                                   BM284986 614 bp mRNA linear EST Kh93d03.yl Ascaris suum L4 pSPORTI Zarlenga vi Ascaris similar to WP:CE25434 Y54E10BL.2 collagen ;contains MEF repetitive element ;, mRNA sequence.

BM284986
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA
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Ascaris suum
                    pig roundworm.
                                           EST
                                                                BM284986.1 GI:17994028
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Fax: 314 286 1810
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M., Allen,M., Person,B., Swaller,T., Harvey,N., Schurk,R., Kohn,S.
Shin,T., Jackson,Y., Cardenas,M., McCann,R., Waterston,R. and
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/db_xref="taxon:6253"
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Pred. No. 5.7;
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Eukaryota; Metazoa; Nematoda; Chromadorea; Ascaridida; Ascaridoidea

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Best Local S
Matches 92
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                                                                                                                                                                                                                                                                                                                                        CCTGTCAAGCTCCTGGACCTCCTGGGCCTCCTGGACCACCTGGACAGGATGGACAAC
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                                                                                                                                                                                            BM280716 633 bp mRNA linear EST 28-DEC-2001 k104b10.yl Ascaris suum L4 pSPORT1 Zarlenga v1 Ascaris suum cDNA 5' similar to WP:CE25434 Y54E10BL.2 collagen ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: est@watson.wustl.edu
The library was supplied by Dr. Dante Zarlenga of the USDA
Immunology and Disease Resistance Lab in Beltsville, MD. The
were made from 21 day L4 proximal (isolated from jejunum) and
directionally cloned into the NotI/SalI sites of psPoRT1.
Seq primer: -40RP from Gibco
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1 (bases 1 to 614)

McCarter, J., Clifton, S., Chiapelli, B., Pape, D., Martin, J., Wylie, T.,
Dante, M., Marra, M., Hillier, L., Kucaba, T., Theising, B., Bowers, Y.,
Gibbons, M., Ritter, E., Bennett, J., Franklin, C., Tsegareishvili, R.,
Ronko, I., Kennedy, S., Maguire, L., Beck, C., Underwood, K., Steptoe, M., Allen, M., Person, B., Swaller, T., Harvey, N., Schurk, R., Köhn, S.,
M., Allen, M., Person, B., Swaller, T., Harvey, N., Schurk, R., Köhn, S.
                    McCarter, J.,
                                                                                                                                                            BM280716
BM280716.1
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis,
                                                        Eukaryota; Metazoa; Nematoda; Chromadorea; Ascaridida; Ascaridoidea
; Ascarididae; Ascaris.
                                                                                                 Ascaris suum
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                                                                                                                       pig roundworm.
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                                        (bases 1 to 633)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Vector: pSPORT1 (Life Technologies); Site_1: NotI; Site_2: SalI; The library was supplied by Dr. Dante Zarlenga of the USDA Immunology and Disease Resistance Lab in Beltsville, MD. The cDNAs were made from 21 day L4 proximal (isolated from jejunum) and directionally cloned into the NotI/SalI sites of pSPORT1."
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/db_xref="taxon:6253"
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  Clifton,S., Chiapelli,B.,
Warra,M., Hillier,L., Kucal
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Pred. No. 5.8;
0; Mismatches 88;
Kucaba, T.,
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                  Pape, D.,
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Theising, B.,
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Bowers,Y.
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                                                        AUTHORS
TITLE
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1168 aggatcaaggtatgcctggaacatccggagttcctggacagcagggacagtctagtggac 1227
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                                                Daub, J., Geary, T. and Blaxter, M. A survey of genes expressed in t
Unpublished (2000)
                                                                                                                                                                                                                                                                                       AW165781
AW165781.1
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Fax: 314 286 1810
Email: est@watson.wustl.edu
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                             Contact: Blaxter ML
                                                                                                                                                                        Ascaris suum
Eukaryota; Metazoa; Nematoda; Chromadorea;
                                                                                                                                                                                                                                                                                                                                                                     MBASBWA197M13R Ascaris and hypodermis Ascaris
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Institute of Cell, Animal and Population Biology
                                                                                                                                                                                                                                      pig roundworm.
                                                                                                                                                          Ascarididae;
                                                                                                                                  (bases 1 to 644)
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/dev_stage="L4"
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Pred. No. 5.9;
0; Mismatches 88;
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RESULT 13
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                                                                                                                                                                                                                                                                                                                                                                          BI282815 549 bp mRNA linear I UI-R-DAO-byp-e-09-0-UI.sl UI-R-DAO Rattus norvegicus UI-R-DAO-byp-e-09-0-UI 3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                92;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seq primer: M13 Reverse (AGCGGATAACAATTTCACACAGGA).
Location/Qualifiers
    Contact: Soares, MB
Program for Rat Gene Discovery and Mapping
University of Iowa
451 Eckstein Medical Research Building Iowa
                                                                                                                                                                                                                                                                           Rattus norvegicus
                                                                                                                                                                                                                                                                                                                      EST
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BACKWARD: M13 FORWARD (CGCCAGGGTTTTCCCAGTCACGAC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The Ascaris suum EST dataset (including information) is available on the www at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: mark.blaxter@ed.ac.uk
                                                                                                       Genome Res. 6 (9), 791-806 (1996)
                                                                                                                               discovery
                                                                                                                                                                      Bonaldo, M.F.,
                                                                                                                                                                                                                                                     Eukaryota; Metazoa;
                                                                                                                                                Normalization and subtraction:
                                                                                                                                                                                                                 Rattus
                                                                                                                                                                                                                                    Mammalia;
                                                                                                                                                                                                                                                                                                Norway rat.
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+44 131 670 5450
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[tggeary@am.pnu.com]*

105 c 179 g 115 t 1 others
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muscle and hypodermis"
/sex="mixed"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Ascaris suum"
/db_xref="taxon:6253"
/clone="MBAsBWA197"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="body wall muscle and hypodermis"
/dev_stage="adult"
                                                                                                                                                                                                                                    Eutheria;
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Rodentia;
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Research Building Iowa City,
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                                                                                                                                                                   Soares, M.B.
                                                                                                                                                                                                                           Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae;
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Best Local
     ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                  CAGCAGAGACCTCAAGGCCCACCCACCAGGTGGCCCT
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AL206803.1 GI:7865622
GSS; genome survey sequence.
Tetraodon nigroviridis.
Tetraodon nigroviridis
                                                                                                                                                                 Tetraodon nigroviridis genome survey sequence PUC-Ori end of clone 153D20 of library G from Tetraodon nigroviridis, genomic survey
                                                                                                                                                                                                                             CNS020KA
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/note="Vector: pT773D-Pac (Pharmacia) with a modified note="Vector: pT773D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; The UI-R-DA0 library is a non-normalized library constructed from rat salivary gland tissue. For a detailed description of the salivary grand tissue for a detailed description of the library from which this clone was derived, please visit our web site at ratest.eng.ulowa.edu. The subtraction has been previously described in (Bonaldo, Lennon and Soares, Genome Research 6:791-806, 1996)
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TAG_SEQ-CAGCC
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/db_xxef="taxon:10116"
/clone="U1-R-DA0-byp-e-09-0-UI"
/clone_1ib="U1-R-DA0"
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TITLE
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BG955899.1
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                                                                                                      BG955899
CM3-CT0607-130201-747-e07
Homo sapiens
Eukaryota; M
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Weissenbach, J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human gene number estimate provided by genome wide analysis using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished
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/clone="153D20"
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Billault,A., Quetier,F., Saurin,W., Bernot,A. and
                                                                       GI:14374070
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Chordata; Craniata; Vertebrata;
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Dias Neto,E., Garcia Correa,R., Verjovski-Almeida,S., Briones,M.R.,
Nagai,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,F.F.,
Goldman,G.H., Carvalho,A.F., Matsukuma,A., Baia,G.S., Simpson,D.H.,
Brunstein,A., deOliveira,P.S., Bucher,P., Jongeneel,C.V., O'Hare
,M.J., Soares,F., Brentani,R.R., Reis,L.F., de Souza,S.J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: asimpson@ludwig.org.br
This sequence was derived from the FAPESP/LICR Human Cancer Genome
Project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl=CM36t2=CM3-CT0607-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Re
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: +55-11-2704922
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Seq primer: puc 18 forward
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/db_xref="taxon:9606"
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                    2002,
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Pred. No. 7;
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Database :
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq
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Gapop 10.0 , Gapext 1.0
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cgn2_6/ptodata/2/pna/US092_COMB.seq:
cgn2_6/ptodata/2/pna/US092_COMB.seq:
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Copyright (c) 1993 - 2000 Compugen Ltd
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.

Score

Query Match Length DB

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Description

Qy 301 tttgaaataaaagtataaatacctccgaaaacgcagagtttaagatgaaaggtatttcta 360 	241 cagagatgaaactctctgtgcaaatcgtagatatcgattggagacattgaaaccacggag 	Qy 181 ttcggctgtttcaccaagatccaattattccttccaggactttcaaccctcagaatggaaa 240		61 ggcggacaggcccgtattcttcaggggtgtcgcctacccagtgcacaggaggttcc	gaattcagatgcctcataccttgggattaaaaaattgatgttcatttgttatatatcct 	Query Match 100.0%; Score 1830; DB 29; Length 1830; Best Local Similarity 100.0%; Pred. No. 0; Matches 1830; Conservative 0; Mismatches 0; Indels 0; Gaps	; NAME/KEY: CDS ; LOCATION: (345)(1529) US-09-755-456-1	; LENGTH: 1830 ; TYPE: DNA ; ORGANISM: Encephalitozoon cuniculi ; FEATURE:	FILING DATE: 1998-0; R OF SEQ ID NOS: 10 ARE: PatentIn Ver. 2 NO 1	2 16	; TITLE OF INVENTION: MICROSPORIDIAN POLAR TUBE PROTEINS, NUCLEIC ACIDS ; TITLE OF INVENTION: CODING FOR THESE PROTEINS AND THEIR APPLICATIONS ; FILE REFERENCE: 1566-00	; GENERAL INFORMATION: APPLICANT: DELBAC, FREDERIC APPLICANT: DANCHIN, ANTOINE APPLICANT: VIVARES, CHRISTIAN	RESULT 1 US-09-755-456-1 ; Sequence 1, Application US/09755456	ALIGNMENTS		38 2.1 85882 24 US-09-620-392-48150 Sequence 48150 38 2.1 94641 28 US-09-702-134-7928 Sequence 7928, 38 2.1 94641 31 US-09-815-264-79401 Sequence 79401 37.8 2.1 94641 31 US-09-815-264-1058-121331 Sequence 79401	34 38 2.1 3955 24 US-09-620-392-58240 Sequence 58240 35 38 2.1 5044 24 US-09-620-392-65702 Sequence 65702 36 38 2.1 8419 24 US-09-620-392-9985 Sequence 9985, 37 38 2.1 10829 24 US-09-620-392-30253 Seguence 30253	38.2 2.1 2019 75 US-60-360-207-17623 Sequence 17623 38 2.1 1501 31 US-09-815-264-50372 Sequence 50372
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; TYPE: DNA; ORGANISM: Encephalitozoon in FEATURE: ; PEATURE: ; NAME/KEY: CDS; LOCATION: (1)...(1113) US-09-755-456-3
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Best Local Similarity 53.5%;
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LENGTH: 1116
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APPLICANT: DANCHIN, ANTOINE
APPLICANT: VIVARES, CHRISTIAN
TITLE OF INVENTION: MICROSPORIDIAN POLAR TUBE PROTEINS, NUCLEIC ACIDS
TITLE OF INVENTION: CODING FOR THESE PROTEINS AND THEIR APPLICATIONS
FILE REFERENCE: 1566-00
CURRENT APPLICATION NUMBER: US/09/755,456
CURRENT FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: PCT/FR99/01630
PRIOR FILING DATE: 1999-07-06
PRIOR FILING DATE: 1998-07-07
NUMBER OF SEQ ID NOS: 10
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Pred. No. 6.6e-42;
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US-09-887-272A-5263
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APPLICANT: Hou, Yu-Ming
APPLICANT: Quan, Sheng
APPLICANT: Chang, Hur-So
APPLICANT: End, Tong
APPLICANT: Whitham, Steve
APPLICANT: Goff, Steve
APPLICANT: Glazebrook, J
APPLICANT: Chan, Wenguic
APPLICANT: Katagiri, Fun
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PRIOR APPLICATION NUMBER: 60/213,634
PRIOR FILING DATE: 2000-06-23
PRIOR PRILING DATE: 2000-06-23
PRIOR PRILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/261,320
PRIOR FILING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 60/264,353
PRIOR FILING DATE: 2001-01-36
PRIOR FILING DATE: 2001-01-37
PRIOR FILING DATE: 2001-01-37
PRIOR FILING DATE: 2001-01-37
PRIOR APPLICATION NUMBER: 60/273,879
PRIOR FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: 60/273,879
PRIOR FILING DATE: 2001-03-07
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CURRENT FILING DATE: 2001-06-23
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                                                           TITLE OF INVENTION: PATHOGENS
FILE REFERENCE: 1360.003025
CURRENT APPLICATION NUMBER: US/09/887,272A
CURRENT FILING DATE: 2001-06-23
PRIOR APPLICATION NUMBER: 60/213,634
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/214,926
PRIOR FILING DATE: 2000-06-23
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/261,320
PRIOR APPLICATION NUMBER: 60/261,320
PRIOR FILING DATE: 2001-01-26
PRIOR FILING DATE: 2001-01-26
PRIOR FILING DATE: 2001-01-26
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TITLE OF INVENTION: PATHOGENS
TITLE OF INVENTION: PATHOGENS
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                      APPLICATION NUMBER: 60/273,879 FILING DATE: 2001-03-07
  APPLICATION
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Chen, Wenquiong
Katagiri, Fumiaki
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NUMBER: 09/887,27
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; LENGTH: 2000
; TYPE: DNA
; ORGANISM: Oryza s
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NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for 1
SEQ ID NO 5263
LENGTH: 2000
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TGYYRYCKWYKYSYYKCYYCYCYWYMSYMRYMMKCMCSRSCSSWMSCAYCSTSSTSRWMS
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PRIOR APPLICATION NUMBER: 60/13
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 170
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 26
LENGTH: 740
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US00-14964A-26
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                 PRIOR APPLICATION NUMBER: 09/833,245
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: PCT/US01/11988
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: PCT/US00/06012
PRIOR APPLICATION NUMBER: PCT/US00/06012
PRIOR APPLICATION NUMBER: PCT/US00/06058
PRIOR APPLICATION NUMBER: PCT/US00/06058
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 2000-03-09
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APPLICANT: Human Genome
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: PCT/US00/14964A
CURRENT FILING DATE: 2000-06-01
                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/950,083
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: 60/278,650
PRIOR FILING DATE: 2001-03-27
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                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: PS805
                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Human Secreted Proteins
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APPLICATION
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  NUMBER:
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Pred. No. 0.048;
0; Mismatches 151;
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OR FILING DATE: 2000-03-09
OR APPLICATION NUMBER: PCT/US00/06059
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OR FILING DATE: 2000-03-09
OR APPLICATION NUMBER: PCT/US00/06042
OR FILING DATE: 2000-03-09
OR APPLICATION NUMBER: PCT/US00/06014
OR FILING DATE: 2000-03-09
OR APPLICATION NUMBER: PCT/US00/06013
OR APPLICATION NUMBER: PCT/US00/06049
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NUMBER: US 6	NUMBER: US	: 1999-03-12	NUMBER: US	. 1999-12-03	: 1999-03-12	NUMBER: US	1999-12-03	NIIMBER .	NUMBER: US	: 1999-11-23	NUMBER: US	: 1999-03-12	NUMBER: US	٠,	: 1999-03-12	NUMBER: US	: 2001-04-27	. 7000-04-79	NUMBER:	: 2000-	NUMBER:	NUMBER:	: 2000	. 2000-09	NUMBER:	: 200	: 2000-06	NUMBER: F	NUMBER: P	: 2000-06	, ''	NUMBER: P	NUMBER: PCT/	: 2000-06		NUMBER: PCT/	. 2000-06-01	: 2000-06-01	NUMBER:	NUMBER:	: 2000	: 2000-04	NUMBER: F	: 2000-04-06	: 2000-04	NUMBER: P	NUMBER: PCT/	: 2000-04	NUMBER: PCT/	NUMBER: P	: 2000-04-0	: 2000-04-
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OR FILING DATE: 2000-03-16
OR APPLICATION NUMBER: PCT/US00/06782
OR APPLICATION NUMBER: PCT/US00/06822
OR APPLICATION NUMBER: PCT/US00/06791
OR APPLICATION NUMBER: PCT/US00/06791
OR APPLICATION NUMBER: PCT/US00/06828
OR APPLICATION NUMBER: PCT/US00/06828
OR APPLICATION NUMBER: PCT/US00/06828
OR FILING DATE: 2000-03-16

FILING DATE: 2000-03-10
APPLICATION NUMBER: PCT/US00/06830
FILING DATE: 2000-03-16 THEOD/06782

APPLICATION NUMBER: PCT/US00/06824
FILING DATE: 2000-03-16
APPLICATION NUMBER: PCT/US00/06765
FILING DATE: 2000-03-16
APPLICATION NUMBER: PCT/US00/06792

APPLICATION NUMBER: PCT/US00/06057 FILING DATE: 2000-03-09

DR FILING DATE: 2000-03-16

DR APPLICATION NUMBER: PCT/US00/07505

DR FILING DATE: 2000-03-22

DR APPLICATION NUMBER: PCT/US00/07440

DR FILING DATE: 2000-03-22

DR APPLICATION NUMBER: PCT/US00/07506

DR FILING DATE: 2000-03-22

APPLICATION NUMBER: PCT/US00/06823 FILING DATE: 2000-03-16 APPLICATION NUMBER: PCT/US00/06781

FILING DATE: 2000-03-22

FILING DATE: 2000-03-27

APPLICATION NUMBER: PCT/US00/07507

FILING DATE: 2000-03-27

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APPLICATION NUMBER: PCT/US00/07535 FILING DATE: 2000-03-22 APPLICATION NUMBER: PCT/US00/07525

PRIOR PRIOR

DR FILING DATE: 2000-03-22

PR APPLICATION NUMBER: PCT/US00/07534

DR FILING DATE: 2000-03-22

DR APPLICATION NUMBER: PCT/US00/07483

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DR APPLICATION NUMBER: PCT/US00/07526

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DR APPLICATION NUMBER: PCT/US00/07527

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FILING DATE: 2000-03-22
APPLICATION NUMBER: PCT/US00/07661
FILING DATE: 2000-03-23

ICR APPLICATION NUMBER: PCT/US00/07579
ICR FILING DATE: 2000-03-23
ICR APPLICATION NUMBER: PCT/US00/07723
ICR APPLICATION NUMBER: PCT/US00/07723
ICR FILING DATE: 2000-03-23
ICR FILING DATE: 2000-03-23
ICR APPLICATION NUMBER: PCT/US00/1792
ICR APPLICATION NUMBER: PCT/US00/07722
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ICR APPLICATION NUMBER: PCT/US00/07723
ICR APPLICATION NUMBER: PCT/US00/07578
ICR FILING DATE: 2000-03-23
ICR APPLICATION NUMBER: PCT/US00/07726
ICR FILING DATE: 2000-03-23
ICR APPLICATION NUMBER: PCT/US00/07677
ICR APPLICATION NUMBER: PCT/US00/07677
ICR APPLICATION NUMBER: PCT/US00/07677
ICR APPLICATION NUMBER: PCT/US00/07725

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RESULT 7

US-60-181-996-561/c

Sequence 561, Application US/60181996

GENERAL INFORMATION:
APPLICANT: BORAZZI, VIVIEN
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
TITLE OF INVENTION: UUCLEIC ACID MOLECULES ENCODING HUMAN
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000238
CURRENT APPLICATION NUMBER: US/60/181,996
CURRENT FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 1888
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OR EILING DATE: 1999-06-11
OR APPLICATION NUMBER: US 60/168,662
OR FILING DATE: 1999-12-03
OR APPLICATION NUMBER: US 60/124,144
OR FILING DATE: 1999-03-12
OR APPLICATION NUMBER: US 60/138,574
OR FILING DATE: 1999-06-11
OR APPLICATION NUMBER: US 60/168,667
OR FILING DATE: 1999-12-03
OR APPLICATION NUMBER: US 60/168,667
OR APPLICATION NUMBER: US 60/124,142
OR APPLICATION NUMBER: US 60/138,597
OR APPLICATION NUMBER: US 60/168,666
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APPLICATION NUMBER: US 60/125,360
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SEQ ID NOS: FastSEQ for
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Pred. No. 0.048;
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                                                                                                              HUMAN SECRETED PROTEINS,
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; TYPE: DNA
; ORGANISM: HUMAN
US-60-181-996-561
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; ORGANISM: HUMAN
US-60-360-207-36034
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Best Local Similarity
Matches 119; Conserv
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CURRENT FILING DATE: 2002-03-01
NUMBER OF SEQ ID NOS: 47235
SEQ ID NO 36034
LENGTH: 1011
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Best Local Similarity
Matches 159; Conserv
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TITLE OF INVENTION: HUMAN GENOME DISCOVERY
FILE REFERENCE: CL001321
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GCTCAGGCTCAGGCTCAGGCACAGGCTCAGGCTCAGGCTCAGGCTCAGGCTCAG
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US-09-950-083-7697
US-09-950-083-7697
; Sequence 7697, Application US/09950083
; GENERAL INFORMATION:
; APPLICANT: Rosen, et. al
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PRIOR APPLICATION NUMBER: 60/278,650
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: 09/833,245
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: PCT/US01/11988
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
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TITLE OF INVENTION: Human Secreted Proteins
FILE REFERENCE: PS805
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CURRENT FILING DATE: 2001-09-12
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IOR APPLICATION NUMBER: PCT/US00/06058
IOR APPLICATION NUMBER: PCT/US00/06054
IOR APPLICATION NUMBER: PCT/US00/06044
IOR FILING DATE: 2000-03-09
IOR APPLICATION NUMBER: PCT/US00/06059
IOR APPLICATION NUMBER: PCT/US00/06042
IOR APPLICATION NUMBER: PCT/US00/06042
IOR APPLICATION NUMBER: PCT/US00/06014
IOR FILING DATE: 2000-03-09
IOR APPLICATION NUMBER: PCT/US00/06013
IOR FILING DATE: 2000-03-09
IOR APPLICATION NUMBER: PCT/US00/06013
IOR FILING DATE: 2000-03-09
IOR APPLICATION NUMBER: PCT/US00/06049
IOR APPLICATION NUMBER: PCT/US00/06049
IOR APPLICATION NUMBER: PCT/US00/06057
IOR FILING DATE: 2000-03-09
OR APPLICATION NUMBER: PCT/US00/07440
OR FILING DATE: 2000-03-22
OR APPLICATION NUMBER: PCT/US00/07506
OR FILING DATE: 2000-03-22
OR APPLICATION NUMBER: PCT/US00/07507
OR FILING DATE: 2000-03-22
OR APPLICATION NUMBER: PCT/US00/07535
OR FILING DATE: 2000-03-22
OR FILING DATE: 2000-03-22
OR APPLICATION NUMBER: PCT/US00/07525
OR FILING DATE: 2000-03-22
OR APPLICATION NUMBER: PCT/US00/07525
OR FILING DATE: 2000-03-22
OR APPLICATION NUMBER: PCT/US00/07525
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OR FILING DATE: 2000-03-16
OR APPLICATION NUMBER: PCT/US00/06782
OR FILING DATE: 2000-03-16
OR APPLICATION NUMBER: PCT/US00/06822
OR FILING DATE: 2000-03-16
OR APPLICATION NUMBER: PCT/US00/06791
OR APPLICATION NUMBER: PCT/US00/06791
OR FILING DATE: 2000-03-16
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FILING DATE: 2000-03-16
APPLICATION NUMBER: PCT/US00/06792
FILING DATE: 2000-03-16
APPLICATION NUMBER: PCT/US00/06830
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FILING DATE: 2000-03-16
APPLICATION NUMBER: PCT/US00/07505
FILING DATE: 2000-03-22
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FILING DATE: 2000-03-16
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FILING DATE: 2000-03-09
APPLICATION NUMBER: PCT/US00/06012
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OR FILING DATE: 1999-03-12
OR APPLICATION NUMBER: US 60/168,663
OR FILING DATE: 1999-12-03
OR APPLICATION NUMBER: US 60/124,095
OR FILING DATE: 1999-03-12
OR FILING DATE: 1999-06-11
OR APPLICATION NUMBER: US 60/138,598
OR FILING DATE: 1999-06-11
OR APPLICATION NUMBER: US 60/168,665
OR APPLICATION NUMBER: US 60/125,360
OR FILING DATE: 1999-03-19
OR FILING DATE: 1999-03-19
OR APPLICATION NUMBER: US 60/138,626
OR APPLICATION NUMBER: US 60/168,662
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OR FILING DATE: 1999-11-23
OR APPLICATION NUMBER: US 60/124,145
OR APPLICATION NUMBER: US 60/124,145
OR APPLICATION NUMBER: US 60/168,654
OR FILING DATE: 1999-12-03
OR APPLICATION NUMBER: US 60/124,099
OR FILING DATE: 1999-03-12
OR APPLICATION NUMBER: US 60/168,661
OR FILING DATE: 1999-12-03
OR APPLICATION NUMBER: US 60/124,096
OR APPLICATION NUMBER: US 60/124,096
OR APPLICATION NUMBER: US 60/168,622
OR APPLICATION NUMBER: US 60/168,622
OR APPLICATION NUMBER: US 60/168,622
OR FILING DATE: 1999-12-03
OR APPLICATION NUMBER: US 60/168,622
OR FILING DATE: 1999-12-03
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OR APPLICATION NUMBER: US 60/124,146
OR FILING DATE: 1999-03-12
OR APPLICATION NUMBER: US 60/167,061
OR FILING DATE: 1999-11-23
OR APPLICATION NUMBER: US 60/124,093
OR APPLICATION NUMBER: US 60/124,093
OR FILING DATE: 1999-03-12
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FILING DATE: 1999-06-11
APPLICATION NUMBER: US 60/168,666
FILING DATE: 1999-12-03
APPLICATION NUMBER: US 60/125,359
FILING DATE: 1999-03-19
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FILING DATE: 1999-03-12
APPLICATION NUMBER: US 60/138,574
FILING DATE: 1999-06-11
APPLICATION NUMBER: US 60/168,667
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APPLICATION NUMBER: PCT/US01/13318
                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/168,664
FILING DATE: 1999-12-03
APPLICATION NUMBER: US 60/126,051
FILING DATE: 1999-03-23
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APPLICATION NUMBER: US 60/124,142
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/169,906
                                                                                                                                                   tttctggcactcttcccccaggagccactttgtgtcagggacaggccatgcctagcactc 957
                              ctggacagcaacagatcctttctggcactcttcccccaggggtcacttttgtgtcagggac 1017
tggcccatatgagtctggctccggtcactcttctggcttaggtcaccgagagtctcgctc
                                                                                                                  ttctgggcagtcttccagctacagcccatatgggtctggctcagggtggtcttccagccg 568
                                                                                                                                                                                                                                                                  Similarity
                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                               2.3%;
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                                                                                                                                                                                                                                    Score 42.2; DB 35;
Pred. No. 0.7;
0; Mismatches 153;
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US-60-196-718-675

Sequence 675, Application US/60196718

GENERAL INFORMATION:

APPLICANT: Bonazzi, Vivien

TITLE OF INVENTION: USCLATED HUMAN SEC

TITLE OF INVENTION: USES THEREOF

FILE REFERENCE: CL000456
              US-60-196-718-3736
Sequence 3736, Application US/60196718
GENERAL INFORMATION:
APPLICANT: Bonazzi, Vivien
FITLE OF INVENTION: ISOLATED HUMAN SECI
TITLE OF INVENTION: NUCLEIC ACID MOLECU
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000456
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CURRENT FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 7494
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 675
LENGTH: 516
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 2.3%;
Best Local Similarity 45.7%;
Matches 144; Conservative
CURRENT APPLICATION NUMBER: US/60/196,718
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                DN: ISOLATED HUMAN SECRETED PROTEINS,
NN: NUCLEIC ACID MOLECULES ENCODING FOR USES THEREOF
CLOO0456
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                                                                                                                                                                                                                                         1177
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Pred. No. 0.66;
0; Mismatches
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                                                 HUMAN
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                                                 PROTEINS,
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; CURRENT FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7494
; SOFTWARE: FASTSEQ for Windows Version 4.
; SEQ ID NO 3736
; LENGTH: 516
; TYPE: DNA
; ORGANISM: HUMAN
US-60-196-718-3736
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US-09-610-154-72
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                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FAS
SEQ ID NO 72
LENGTH: 1084
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 72, Application US/09610154 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 2.3
Best Local Similarity 45.7
Matches 144; Conservative
                                                                                                                                                                                                                                      Query Match 2.2%;
Best Local Similarity 49.5%;
                                                                                                                                                                                                                         Matches 105;
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Robison, Keith E.
TITLE OF INVENTION: Novel Nucleic Acid and Protein
FILE REFERENCE: 5800-155
CURRENT APPLICATION NUMBER: US/09/610,154
CURRENT FILING DATE: 2000-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
                                     1025
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                                                                                          965 gcaacagatcctttctggcactcttcccccaggggtcactttgtgtcagggacaggccac 1024
                                                                                                                                             562 cagtcttcaggccgcggccaatgtgggtctgggtcaggcagtctcccaactatggccaa 621
                                                                                                                                                                  905 cactettecceccaggagecactttgtgteagggacaggecatgcetageactcetggaca 964
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                    gcctagcactcctgggcagcaacaggtcctttctggcactcttccccccaggagtcacttt 1084
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                                                                     cacggctctggctccggacagtcttccagcaatgacacacatgggtctggctcaggccag
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tcttctggctttagtcaacacaagtctagctcagggcagtcctctggttacagtcagcat 741
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45.7%;
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                                                                                                                                                                                                                                          Score 40.8;
Pred. No. 1
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Pred. No. 0.
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US-08-466-194-14
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GENERAL INFORMATION:
APPLICAMY: Robison, Keith E.
ATITLE OF INVENTION: Novel Nucleic Acid and Protein Homologs
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 14, Application US/08466194 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       uuery Match 2.2%;
Best Local Similarity 49.5%;
Matches 105; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/610,154 PRIOR FILING DATE: 2000-06-30 NUMBER OF SEQ ID NOS: 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/938,301 CURRENT FILING DATE: 2001-08-23
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TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: DORNER, F. APPLICANT: SCHEIFLINGER, APPLICANT: FALKNER, F. G.
              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: RE NUMBER OF SEQUENCES: 5 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                      STREET: 3000 K S. CITY: Washington
                                                     APPLICATION NUMBER: US/08/466,194 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                            STATE:
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22-APR-1994
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                US 08/232,463
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 26-AUG-1992

US 07/935,313

PRIOR APPLICATION DATA:

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US-60-162-247-820
US-60-162-247-820
US-60-162-247-820
Sequence 820, Application US/60162247
; GENERAL INFORMATION:
APPLICANT: Bonazzi, Vivien
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000127
CURRENT APPLICATION NUMBER: US/60/162,247
CURRENT FILING DATE: 1999-10-29
NUMBER OF SEQ ID NOS: 5442
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Best Local S
Matches 19
SEQ ID NO
LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 14:
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CLONE: pTZqpt-
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LENGTH: 7218 base pairs
TYPE: nucleic acid
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2.2%; Score 40.6; [
Local Similarity 4.7%; Pred. No. 5.1;
hes 19; Conservative 211; Mismatches
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; ORGANISM: Human
US-60-162-247-820
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Best Local Similarity 48.7%;
Matches 109; Conservative
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tggggcacactctccctggctctcactctccctggctcccactc 420
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Search completed: September 1, 2002, 03:07:10 Job time: 8529 sec

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Scoring table:

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Sequence

78, Appl
79, Appl
62, Appl
11, Appl
11, Appl
11, Appl
13, Appl
13, Appl
14, Appl
15, Appl
16, Appl
17, Appl
17, Appl
18, Appl
19, Appl
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Title:
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and is derived by a
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1: /cgn2_6/ptcdata/1/pna/U

2: /cgn2_6/ptcdata/1/pna/U

3: /cgn2_6/ptcdata/1/pna/U

4: /cgn2_6/ptcdata/1/pna/U

5: /cgn2_6/ptcdata/1/pna/U

6: /cgn2_6/ptcdata/1/pna/U

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Copyright (c) 1993 - 2000 Compugen
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/cgn2_6/ptodata/1/pna/US06_NEW_COMB.seq:*
/cgn2_6/ptodata/1/pna/US08_NEW_COMB.seq:*
/cgn2_6/ptodata/1/pna/US08_NEW_COMB.seq:*
/cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq:*
/cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq:*
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   US-10-105-299-1495
US-10-105-299-9848
US-09-818-656A-74
US-09-818-656A-74
US-10-123-155-10
US-10-140-864-10
US-10-140-864-10
US-10-141-759-10
US-10-140-805-10
US-10-140-805-10
US-10-146-731-10
US-10-148-790-10
US-10-148-790-10
US-10-148-790-10
US-10-148-656A-73
US-09-818-656A-73
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US-10-105-299-1495

Sequence 1495, Application US/10105299

GENERAL INFORMATION:

APPLICANT: ROSEN, et. al

TITLE OF INVENTION: Human Secreted Proteins
FILE REFERENCE: PS950

CURRENT APPLICATION UMMER: US/10/105,299

CURRENT FILING DATE: 2002-03-26

NUMBER OF SEQ ID NOS: 15197

PRIOR APPLICATION removed - See File Wrapper of SOFTWARE: Patentin removed - See File Wrapper of SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1495

LENGTH: 740

TYPE: DNA

ORGANISM: Homo sapiens

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                                                         RESULT 2
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Sequence 9848, Application US/10105299 GENERAL INFORMATION:
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Matches 136; Conserv
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US-09-818-656A-80
US-09-818-656A-80
PCT-US02-22866-62
PCT-US02-22895-1
US-10-183-992-1
PCT-US02-20395-3
US-10-176-912-290
US-10-184-634-290
US-10-174-534-332
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Pred. No. 0.0053;
0; Mismatches 151; Indels
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Result

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APPLICANT: Rosen, et. al
TITLE OF INVENTION: Human Secreted Proteins
FILE REFERENCE: PS950
CURRENT APPLICATION NUMBER: US/10/105,299
CURRENT FILING DATE: 2002-03-26
NUMBER OF SEQ ID NOS: 15197
Prior Application removed - See File Wrapper or SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9848
LENGTH: 1564
TYPE: DNA
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                                                                                                                                                            ; NAME/KEY: variation
; LOCATION: (301)...(301)
; OTHER INFORMATION: Either A or C may be present,
; OTHER INFORMATION: absent (single base deletion)
US-09-818-656A-74
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US-10-105-299-9848
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                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 74, Application US/09818656A
GENERAL INFORMATION:
APPLICANT: GONG, Fangcheng et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL001191
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Best Local Similarity
Matches 134; Conserv
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Best Local
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SEQ ID NO 74
LENGTH: 601
TYPE: DNA
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CURRENT FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 103
                                                                                                                                                                                                                                                    FEATURE:
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ACCATGTCCACCCTGTTCCCTKCACACGTGGGGTGTGTTGGATCCATTCCCACACCATTC 263
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Pred. No. 0.072;
0; Mismatches 153;
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LENGTH: 594
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NUMBER OF SEQ ID
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Best Local
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CURRENT FILING DATE: 2002-04-15
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1039 ggcagcaacaggtcctttctggcactcttcccccaggagtcactttgtgtcagggacagg 1098
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                                       CCSDYYCYSYSYSYSYSYSWSYSYSTDYCSYRRCCCYYSYSSSSYSSSYSSSAYST 386
                                                                      ctggcactcttcccccaggggtcactttgtgtcagggacaggccacgcctagcactcctg 1038
                                                                                                               SYS.S.SWSSYSYSSDDY.CYCCYYRYHCSDSYSYSYYY.CRCCYYT.SYSRYDCHYSC 446
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Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
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6.9%; Pred. No. 0.14;
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83; Mismatches
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Matches 35
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 10
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CURRENT FILING DATE: 2002-05-03
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APPLICANT:
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C153
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TYPE: PRT
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SYS.S.SWSSYSYSSSDDY.CYCCYYRYHCSDSYSYSYYY.CRCCYYT.SYSRYDCHYSC 446
                                                          A.MCTT.
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                                                                                                                                                                     1 Similarity
35; Conserv
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Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                                                                  2.2%; Score 40.6; Dilarity 6.9%; Pred. No. 0.14; Conservative 183; Mismatches
                                                                                                        .AMM.M.CBT.STT.YA.M.YT.S.S
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                                                                                                      .S.SYSYSYSYS.S.S.SDSYSYA.SY
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                                                                                                                                                                    286;
                                                                                                                                                                                               Length 594;
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; Prior Application removed -
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 10
; LENGTH: 594
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-761-10
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GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/141,761 CURRENT FILING DATE: 2002-05-08
                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C198
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SYS.S.SWSSYSYSSSDDY.CYCCYYRYHCSDSYSYSYYY.CRCCYYT.SYSRYDCHYSC 446
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Watanabe, Colin K
Wood, William
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Filvaroff, Ellen
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                                                                                                                                  2.2%; Score 40.6; D)
6.9%; Pred. No. 0.14;
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                                                                                                                                            ; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-864-10
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NUMBER OF SEQ ID NO
SEQ ID NO 10
                                                                  Matches
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CURRENT APPLICATION NUMBER: US/10/140,864
CURRENT FILING DATE: 2002-05-07
                                                                                                                                                                                                                                                                                           APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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                                                                                                                                                                                         594
                                                                              Similarity 6.9%;
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Godowski, Paul J.
Gurney, Austin L.
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                                                                  Conservative 183;
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                                                                        2.2%; Sur.
0%: Pred.
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                                                                              Score 40.6; DI
Pred. No. 0.14;
                                                                  Mismatches
                                                                                            DB 7;
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859 acaatggaacatccggtattcctggacagcaacagatcctttctggcactctttcccccag 918

Query Match Best Local Similarity

2.2%; Score 40.6; Dilarity 6.9%; Pred. No. 0.14; Conservative 183; Mismatches

DB 7; 4; s 286;

Length 594; Indels

0,

Gaps

0

Matches

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; Prior Application removed -
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 10
; LENGTH: 594
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-923-10
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                                                                                                                                            CURRENT FILING DATE:
                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/140,923
                                                                                                                                                                                 FILE REFERENCE: P3330R1C188
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Gurney, Austin L.
Sherwood, Steven
Smith, Victoria
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; SEQ ID NO 10
; LENGTH: 594
; TYPE: PRT
; ORGANISM: Homo S
US-10-141-756-10
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US-10-141-756-10/c
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Best Local Similarity
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Prior Apploication removed - See
NUMBER OF SEQ ID NOS: 550
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                                                                                                                                                                 CURRENT FILING DATE: 2002-05-08
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Wood, William
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Godowski, Paul J.
Gurney, Austin L.
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Gerritsen, Mary E.
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                                                            Prior Apploication removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 10
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C197
CURRENT APPLICATION NUMBER: US/10/141,759
CURRENT FILING DATE: 2002-05-08
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              ORGANISM: Homo Sapien
                              LENGTH: 594
TYPE: PRT
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Godowski, Paul J.
Gurney, Austin L.
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Query Match Best Local :

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SEQ ID NO 10
LENGTH: 594
TYPE: PRT
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                                               CURRENT APPLICATION NUMBER: US/10/140,472
CURRENT FILING DATE: 2002-05-06
Prior Apploication removed - See File Wrag
NUMBER OF SEQ ID NOS: 550
                                                                                                                     TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C168
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Godowski, Paul J.
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Best Local Similarity
                                                                                                                  APPLICANT:
                              TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C176

CURRENT APPLICATION NUMBER: US/10/140,805

CURRENT FILING DATE: 2002-05-07
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Prior Apploication removed .
NUMBER OF SEQ ID NOS: 550
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                                                                                                                                                                                  Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
Smith, Victoria
Stewart, Timothy A
                                                                                                                Zhang,
                                                                                                                                Tumas, Daniel
Watanabe, Colin K
Wood, William
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                                                                                                                   Zemin
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                See File Wrapper
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                or
                                                                                                   POLYPEPTIDES AND NUCLEIC
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US-10-142-885-10/c
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LENGTH: 594
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Best Local Similarity
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APPLICANT:
APPLICANT:
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              APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C248
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                                                                                                                                                                                                                                                                                                                     Baker, Kevin P.
                                                                            Tumas, Daniel
Watanabe, Colin K
Wood, William
                                                                                                                                                                                                                                                                                                                                                   Application US/10142885
                                                                                                                        Stewart, Timothy A.
                                                                                                                                       Smith, Victoria
                                                                                                                                                        Sherwood, Steven
                                                                                                                                                                        Godowski, Paul J. Gurney, Austin L.
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NUMBER: US/10/142,885
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6.9%; Pred.
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                                              POLYPEPTIDES
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Prior Apploication removed -
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 10
LENGTH: 594
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Best Local S
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   INVENTION:
                                                                                                              Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
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                                          Tumas, Daniel
Watanabe, Colin K
                                                                     Stewart, Timothy A
                                                                                    Smith, Victoria
                                                                                                   Sherwood, Steven
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TRANSMEMBRANE POLYPEPTIDES
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US-10-142-426-10/c
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Best Local S
Matches 35
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LENGTH: 594
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FILE REFERENCE: P3330RAIC323
CURRENT APPLICATION NUMBER: US/10/146,731
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapp
NUMBER OF SEQ ID NOS: 550
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               APPLICANT
                             APPLICANT:
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les 35; Conserv
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                                                   Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
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                                                                                                                Gao, Wei-Qiang
Gerritsen, Mary E.
Watanabe,Colin K
            Tumas,Daniel
                         Stewart, Timothy A
                                          Smith, Victoria
                                                                                                                                                Filvaroff, Ellen
                                                                                                                                                               Desnoyers, Luc
                                                                                                                                                                             Deforge, Laura
                                                                                                                                                                                            Beresini, Maureen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.2%; Score 40.6; DB ilarity 6.9%; Pred. No. 0.14; Conservative 183; Mismatches 2
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US-10-142-426-10
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CURRENT FILING DATE: 2002-05-09
Prior Application removed - See File Wrapp
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 10
LENGTH: 594
TYPE: PRT
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Best Local :
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APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C224
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                                                                                                                             325 M. YC.A. SYSYSYS. SSS. S. SYMR. HRA. SHYYTRS. S. MYCY. YM. Y. YY. YYSY
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Search completed: September 1, 2002, 02:10:33
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